

•	15	(hybrid near3 fiber near3 coax near3 network) and (frequency near3 (translator or	USPAT; US-PGPUB;	2002/06/27 12:57
		shifter)) and upstream	DERWENT	
	21	("4300229"   "4395768"   "4397020"	USPAT	2002/06/27
•		"4618955"   "4648123"   "4677686"		13:07
		"4868811"   "4980897"   "5124980"		
		"5134464"   "5197061"   "5282222"		
		"5291289"   "5345440"   "5365525"		
		"5371548"   "5488632"   "5541955"		
	ļ	"5596604"   "5907586"   "5963557").PN.		
-	269	"collision detection" and (frequency with	USPAT;	2002/06/27
-	203	(shift\$4 or translat\$3))	US-PGPUB;	13:25
			DERWENT	
-	45	"collision detection" and (frequency with	USPAT;	2002/06/27
•	73	(shifter or translator))	US-PGPUB;	13:27
		(Siniter of translatory)	DERWENT	
_	76	(frequency with (shifter or translator)) and	USPAT:	2002/06/27
•	, ,	(second near2 frequency with (below or	US-PGPUB;	13:30
	}	under or "less than"))	DERWENT	
•	107	370/465.ccls. and data with (integrity or	USPAT;	2002/07/01
	.07	valid or "error free")	US-PGPUB;	07:02
		value of ones most,	DERWENT	
-	3	((frequency near5 (translator or shifter))	USPAT;	2002/06/27
		same (concentrator or multiplexer or	US-PGPUB;	14:05
		"parallel serial" converter) same data same	DERWENT	
		(integrity or valid or "error free"))		
-	6	(frequency near5 (translator or shifter))	USPAT;	2002/06/27
		same ((data near2 concentrator) or	US-PGPUB;	14:08
	•	("parallel serial"))	DERWENT	
•	2	5469495.pn.	USPAT;	2002/06/28
		•	US-PGPUB;	07:18
			DERWENT	
•	23	(upstream near3 (data or signal) near5	USPAT;	2002/06/28
		modulated) same coax\$5	US-PGPUB;	09:49
			DERWENT	
•	2	5469545.pn.	USPAT;	2002/06/28
			US-PGPUB;	09:50
			DERWENT	
•	150	((upstream near4 (carrier or frequency)) with	USPAT;	2002/06/28
		(above or over or "greater than" or larger)	US-PGPUB;	13:54
		same (downstream near4 (carrier or	DERWENT	
		frequency)))		
-	5	(((upstream near4 (carrier or frequency))	USPAT;	2002/06/28
		with (under or below or less or smaller) with	US-PGPUB;	14:52
		(modulat\$3 or shift\$3)) same (downstream	DERWENT	
		near4 (carrier or frequency)))		
•	159	(collision near4 detection near4 signal)	USPAT;	2002/06/28
		same (transmit or send)	US-PGPUB;	15:15
			DERWENT	1